

IP CAMERA WITH 10X OPTICAL ZOOM GGM CAMP13V



Optical zoom 10x

802.3af compliant (PoE)

CCD sensor

Dual codec
MPEG-4/MJPEG

704 x 576 resolution
(4CIF) at 25 ips

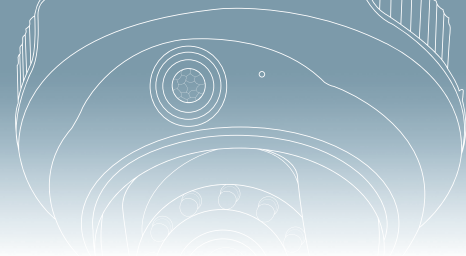
The **GGM CAMP13V / CAMWP13V** (WLAN) is a high-performance network camera featuring 10x optical zoom and pan/tilt functionality. The camera is designed for indoor surveillance applications such as retail stores, offices or banks.

The built-in 10x motorized optical zoom module provides greater depth of field when zoomed in. Therefore, it can display clear-cut images on near or distant objects. With flexible 300-degree pan and 135-degree tilt, The **GGM CAMP13V** can give users more comprehensive control over the monitored site. The **GGM CAMP13V** is incorporated with GIGAMEDIA's self-developed Bach SoC, giving users the advantages of dual-codec (MPEG-4 and MJPEG), dual streams and twoway audio by SIP protocol. With support of dual streams, it simultaneously delivers dual video streams with different resolutions, frame size and image quality to different platforms such as web browser or 3G cell phones.

In addition, **GGM CAMP13V** is integrated with Power over Ethernet function while **GGM CAMP13V** with wireless connection, making installation easier and more cost-efficient.

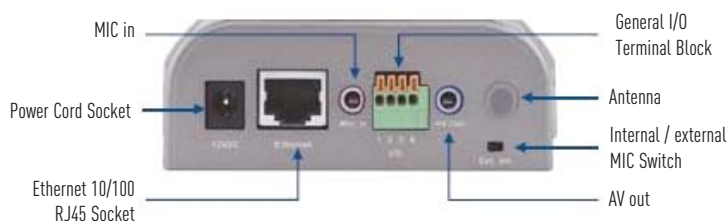
PRODUCT FEATURES

- Dual Codec MJPEG/MPEG-4 simultaneously
- PoE (802.3af Compliant)
- CCD Sensor
- 4 CIF resolution (704 x 576)
- 1 DI/DO for remote sensor or alarm
- Two-way Audio via SIP Protocol
- Motorized Pan/Tilt (Pan: -150° ~ +150°; Tilt: -45° ~ +90°)



PRODUCT SPECIFICATION

SYSTEM		AUDIO		POWER	
CPU	Bach SoC	Compression	GSM-AMR speech encoding, bit rate 4.75kbps to 12.2 kbps MPEG-4 AAC audio encoding, bit rate 16 kbps to 128 kbps		12V DC Power consumption: Max. 13 W
Flash	8MB	Interface	Built-in microphone External microphone input	APPROVALS	
RAM	64MB + 32MB	Audio output	External/Internal microphone switch Supports two-way audio via SIP protocol Supports audio mute	CE, LVD, FCC, VCCI, C-Tick	
Embedded OS	Linux 2.6	NETWORKING		OPERATING ENVIRONMENT	
PAN TILT ZOOM		10/100 Mbps Ethernet, RJ-45		Temperature	
Pan range	300° (-150° ~ +150°)	Protocols	IPv4, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS, and PPPoE	0 ~ 50 °C (32 ~ 122 °F)	
Tilt range	135° (-45° ~ +90°)	ALARM AND EVENT MANAGEMENT		Humidity	
	10x optical zoom, 10x digital zoom Auto pan mode Manual patrol mode (128 preselected positions)	Triple-window video for motion detection One D/I and one D/O for external sensor and alarm Event notification using HTTP, SMTP, or FTP Local recording of MP4 files		20% ~ 80% RH	
LENS		SECURITY		VIEWING SYSTEM REQUIREMENT	
	10x optical zoom lens, f=4.2 ~ 42 mm, F1.8 (wide), F2.9 (tele), auto iris, auto focus	Multi-level user access with password protection IP address filtering HTTPS encrypted data transmission		OS	
ANGLE OF VIEW		Wireless		Microsoft Windows 2000/XP/Vista	
Horizontal	4.9° ~ 46°	WEP, WPA-PSK, WPA2 (GGM CAMP13V)		Browser	
Vertical	3.6° ~ 35°	USERS		Internet Explorer 6.x or above	
SHUTTER TIME		Camera live viewing for up to 10 clients		Cell phone	
	1/50 sec. to 1/10000 sec.	DIMENSIONS		3GPP player	
MINIMUM ILLUMINATION		Ø 105 mm x 120 mm		Real Player	
	1.5 Lux / F1.8 (typical) 0.05 Lux / F1.8 (low light mode)	WEIGHT		10.5 or above	
VIDEO		408 g		Quick Time	
Compression	MJPEG & MPEG-4	LED INDICATOR		6.5 or above	
Streaming	Simultaneous dual-streaming - MPEG-4 streaming over UDP, TCP, HTTP or HTTPS - MPEG-4 multicast streaming - MJPEG streaming over HTTP or HTTPS Supports 3GPP mobile surveillance	System power and status indicator System activity and network link indicator		INSTALLATION, MANAGEMENT AND MAINTENANCE	
Frame rates	MPEG-4 : Up to 25 fps 704x576 MJPEG : Up to 25 fps 704x57			Installation Wizard 2 Supports firmware upgrade	
IMAGE SETTINGS				COMPATIBILITY	
	Adjustable image size, quality, and bit rate Time stamp and text caption overlay Flip & mirror Configurable brightness, contrast, saturation, sharpness and white balance ATW, AWB, AES, ALC Backlight compensation (BLC)			Aimetis Software GGM SOFTIP XX GGM NVR4250G GGM NVR8500G GGM NVR16CAM GGM NVR20CAM GGM NVR40CAM	
				APPLICATION	
				SDK available for application development and system integration	
				WARRANTY	
				24 months	



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